

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW122823\
 Data File : VW033540.D
 Acq On : 28 Dec 2023 09:53
 Operator : SY/MD
 Sample : VSTD0.522
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5222

Quant Time: Dec 29 02:39:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR122823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 29 02:38:27 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 01/01/2024
 Supervised By :Mahesh Dadoda 01/01/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	131870	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	123074	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	61833	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	4112	0.497	ug/L	0.00
7) Chloroethane-d5	1.532	69	3346	0.478	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.063	65	1920	0.525	ug/L	0.00
20) 2-Butanone-d5	3.915	46	8640m	4.219	ug/L	0.10
24) Chloroform-d	4.262	84	8308	0.496	ug/L	0.01
26) 1,2-Dichloroethane-d4	4.963	65	3521	0.461	ug/L	0.02
32) Benzene-d6	4.973	84	14796	0.470	ug/L	0.01
36) 1,2-Dichloropropane-d6	5.998	67	4401	0.445	ug/L	0.00
41) Toluene-d8	7.252	98	13084	0.470	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.574	79	2011	0.506	ug/L	0.02
46) 2-Hexanone-d5	8.053	63	6621m	4.181	ug/L	0.02
56) 1,1,2,2-Tetrachloroeth...	10.159	84	3182	0.482	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.564	152	4999	0.504	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	5639	0.483	ug/L	97
3) Chloromethane	1.214	50	6067	0.483	ug/L	99
5) Vinyl chloride	1.282	62	5653	0.465	ug/L	99
6) Bromomethane	1.487	94	3545	0.519	ug/L	99
8) Chloroethane	1.548	64	3713	0.496	ug/L	98
9) Trichlorofluoromethane	1.712	101	7107	0.477	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	4439	0.493	ug/L	98
12) 1,1-Dichloroethene	2.072	96	3927	0.479	ug/L	80
13) Acetone	2.140	43	10217m	5.514	ug/L	
14) Carbon disulfide	2.243	76	11176	0.448	ug/L	96
15) Methyl Acetate	2.394	43	2311m	0.501	ug/L	
16) Methylene chloride	2.449	84	5850	0.574	ug/L	98
17) Methyl tert-butyl Ether	2.709	73	10300	0.455	ug/L	99
18) trans-1,2-Dichloroethene	2.699	96	4054	0.444	ug/L	94
19) 1,1-Dichloroethane	3.117	63	9223	0.464	ug/L	95
21) 2-Butanone	3.982	43	10775m	4.490	ug/L	
22) cis-1,2-Dichloroethene	3.828	96	4518	0.436	ug/L	98
23) Bromochloromethane	4.169	128	1822	0.456	ug/L	82
25) Chloroform	4.285	83	8364	0.449	ug/L	99
27) 1,2-Dichloroethane	5.056	62	4789	0.443	ug/L #	81
29) 1,1,1-Trichloroethane	4.519	97	8311	0.503	ug/L	94
30) Cyclohexane	4.584	56	8298	0.469	ug/L #	89
31) Carbon tetrachloride	4.738	117	6335	0.469	ug/L	95
33) Benzene	5.021	78	18505	0.463	ug/L	100
34) Trichloroethene	5.847	95	4719	0.437	ug/L	95
35) Methylcyclohexane	6.053	83	8407	0.490	ug/L	96
37) 1,2-Dichloropropane	6.101	63	4723	0.445	ug/L	99
38) Bromodichloromethane	6.442	83	5812	0.445	ug/L	92
39) cis-1,3-Dichloropropene	6.966	75	6656	0.417	ug/L #	82
40) 4-Methyl-2-pentanone	7.172	43	24219	4.233	ug/L	100
42) Toluene	7.323	91	20256	0.473	ug/L	98
44) trans-1,3-Dichloropropene	7.600	75	5450	0.439	ug/L	91

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.780	97	2987	0.467	ug/L	97
47) Tetrachloroethene	7.908	164	3498	0.460	ug/L	92
48) 2-Hexanone	8.098	43	19838m	4.773	ug/L	
49) Dibromochloromethane	8.182	129	3493	0.466	ug/L	96
50) 1,2-Dibromoethane	8.294	107	2775	0.465	ug/L #	92
51) Chlorobenzene	8.821	112	12343	0.460	ug/L	99
52) Ethylbenzene	8.953	91	23882	0.475	ug/L	97
53) m,p-Xylene	9.079	106	8556	0.460	ug/L	98
54) o-Xylene	9.481	106	8641	0.478	ug/L	95
55) Styrene	9.506	104	13515	0.446	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.181	83	2823	0.399	ug/L	97
59) Bromoform	9.673	173	1744	0.447	ug/L #	95
60) Isopropylbenzene	9.870	105	23691	0.480	ug/L	98
61) 1,2,3-Trichloropropane	10.217	75	2281	0.447	ug/L #	91
62) 1,3,5-Trimethylbenzene	10.480	105	19479	0.470	ug/L	99
63) 1,2,4-Trimethylbenzene	10.857	105	18938	0.462	ug/L	98
64) 1,3-Dichlorobenzene	11.124	146	9567	0.456	ug/L	97
65) 1,4-Dichlorobenzene	11.214	146	10581	0.494	ug/L	94
67) 1,2-Dichlorobenzene	11.587	146	8497	0.460	ug/L	93
68) 1,2-Dibromo-3-chloropr...	12.374	75	537	0.449	ug/L #	82
69) 1,3,5-Trichlorobenzene	12.587	180	7201	0.445	ug/L	95
70) 1,2,4-trichlorobenzene	13.204	180	6113	0.451	ug/L	98
71) Naphthalene	13.448	128	8758	0.463	ug/L	97
72) 1,2,3-Trichlorobenzene	13.686	180	4789	0.448	ug/L	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

